

## Pharmaceutical composition for treating periodontal diseases.

**Patent number:** EP0241178  
**Publication date:** 1987-10-14  
**Inventor:** HAYASHI SHIN ICHI; HIGASHI KIYOTSUGU; IZUMI REIKO; KAMETAKA SHIGERU; MORISAKI KATSUHIKO  
**Applicant:** ROHTO PHARMA (JP)  
**Classification:**  
- **international:** A61K9/70; A61K47/00  
- **european:** A61K9/00M18E  
**Application number:** EP19870302514 19870324  
**Priority number(s):** JP19860067810 19860325

**Also published as:**

US4933182 (A1)  
JP62223112 (A)  
EP0241178 (B1)

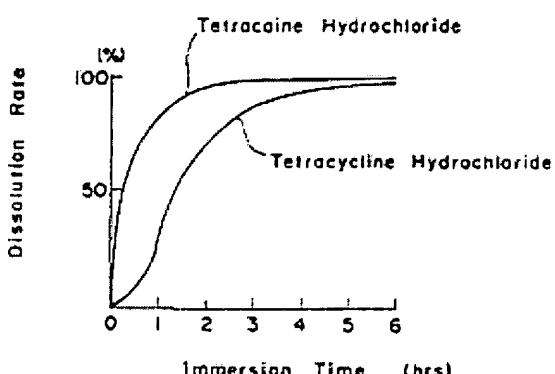
**Cited documents:**

EP0184389  
DE3432573  
US4568535  
EP0135022  
FR2148045

**Abstract of EP0241178**

A pharmaceutical composition for treating periodontal diseases which comprises one or more of therapeutically active ingredients dispersed in a carrier, characterized in that said carrier consists of

(A) water soluble polymer, and  
(B) polymeric particles having a limited solubility in water,  
said particles being dispersed in said water soluble polymer.

*Fig. 1*

Data supplied from the esp@cenet database - Worldwide